

# EZIP-KIT/NVR1C08HS-8P/8-IPC-T3B50P/4TB

8CH Smart 1HDD H.265+ 5MP AI Digital Video Security System



### Key Feature

- $\cdot$  H.265+/H.264+/H.265/H.264, high compression rate, ultra-low bit rate.
- $\cdot$  PoE connection.
- $\cdot$  8 × 5 MP IR fixed network eyeball camera.
- $\cdot$  1 × NVR, Decoding capability up to 8 MP resolution.

### NVR

- · 8ch@1080P(30FPS), self-adaptive decoding capability.
- · VGA/HDMI simultaneous video output, maximum resolution of HDMI is 4K.

Camera

- $\cdot$  5MP, 1/2.8" CMOS image sensor, low illuminance, high image definition.
- · Outputs max. 5 MP (2880 × 1620)@20 fps.
- $\cdot$  Built-in IR LED, max. IR distance: 30 m.
- · IP67 protection.

### Series Overview

EZIP IP KIT is a product package including cameras and recorders. They are easy to be installed and connected, which can help customer save more time and human labor. This solution can be widely used in retails, homes and other small and medium-sized enterprises.

### Functions

### **Perimeter Protection by Camera**

Automatically filtering out false alarms caused by animals, rustling leaves, bright lights, etc. Enables system to act secondary recognition for the targets. Improving alarm accuracy.

### **Face Detection by Camera**

Face detection is to detect if there is any human face appearing in the video. This technology adopts a deep learning algorithm to support face detection, tracking, optimization and capturing, and then output the best face snapshot.

### **SMD Plus by Camera**

With intelligent algorithm, Dahua Smart Motion Detection technology can categorize the targets that trigger motion detection and filter the motion detection alarm triggered by non-concerned targets to realize effective and accurate alarm.

# KIT Series | EZIP-KIT/NVR1C08HS-8P/8-IPC-T3B50P/4TB

### **Technical Specification**

Backup

Technical Specificatio	on		
System			
Main Processor	Industrial-grade embedded processor		
OS	Embedded Linux		
Operation Interface	Web/operating in local GUI		
Perimeter Protection	by Camera		
Performance	8 channels		
AI Search	Search for pictures by channel, time and event type		
Face Detection by Ca	mera		
Performance	4 channels		
Face Attributes	6 attributes: Gender, age, glasses, expression, mouth mask, and beard		
AI Search	Search for pictures by channel, time and face attributes		
SMD Plus by Camera			
Performance	8 channels		
AI Search	Search by target classification (human, vehicle)		
Video			
Access Channel	8		
Network Bandwidth	Access: 80 Mbps; Storage: 80 Mbps; Forward: 60 Mbps		
Resolution	8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1		
Decoding Capability	8 × 1080p@30 fps		
Video Output	$1\times$ VGA output, $1\times$ HDMI output, supports simultaneous video sources output for VGA and HDMI		
Multi-screen Display	1, 4, 8, 9 views		
Third-party Camera Access	ONVIF; RTSP		
Compression			
Video	Smart H.265/H.265/Smart H.264/H.264/MJPEG		
Audio	PCM/G711A/G711U/G726/AAC		
Network			
Network Protocol	HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Server; IP Search (Support Dahua IP camera; DVR; NVS; etc.); P2P; auto register		
Mobile Phone Access	Android; iOS		
Interoperability	ONVIF(profile T/S/G); CGI; SDK		
Browser	Chrome; IE9 or later; firefox		
Record Playback			
Multi-channel Playback	Up to 8 channels for playback		
Record Mode	Manual record; alarm recording; SMD recording; smart recording		
Storage	Local HDD; network		
Deeluur			

USB storage device

StorageDisk GroupYesAlarmGeneral AlarmGeneral AlarmMotion detection, privacy masking, video loss, scene changing, PIR alarm, IPC external alarmAnomaly AlarmFace detection, perimeter protection (intrusion and trpwire), IVS, people counting, heat map, and SMD alarmsIntelligent AlarmFace detection, perimeter protection (intrusion and trpwire), IVS, people counting, heat map, and SMD alarmsAlarm LinkageFace detection, perimeter protection (intrusion and trpwire), IVS, people counting, heat map, and SMD alarmsAlarm LinkageI scAC onlputAudio Output1 *RCA outputHDD1 *RCA outputHDD1 (supports up to 10 TB for a single HDD. The temperatureIVSB2 (1 × front USB2.0; 1 × back USB2.0)HDMI1 (supports up to 4 K resolution output)YGA1Power SupplyDC48 V/53 V, 2A/1.8 APower ConsumptionS100 (HDD not included, idling) total outputy or easingle port is 25.5WPottugit0.92 kg (2.03 lb)Pottugit0.92 kg (2.03 lb)Product DimensionsS00 mm x 32.5 mm x 50.3 mm (10.24" x 9.15" x 10.8"Poreating Conditions1.10" mm x 373 mm x 307 mm (4.61" x 14.69" x 12.09"Poreating Conditions0.10" to t-40" C (32" F to 104" F)Poreating Conditions0.10" to t-40" C (32" F to 104" F)Poreating Conditions0.10" to t-40" C (32" F to 104" F)Poreating Conditions0.10" to t-40" C (32" F to 104" F)Poreating Conditions0.10" to t-40" C (32" F to 104" F)Poreating Conditions </th <th>Playback Function</th> <th>1. Play/pause/stop/slow/quick/backward/by frame 2. Full screen, backup (video clip/file), partial zoom in, and audio on/off</th>	Playback Function	1. Play/pause/stop/slow/quick/backward/by frame 2. Full screen, backup (video clip/file), partial zoom in, and audio on/off	
AlarmGeneral AlarmCamera disconnection, storage error, disk full, IP conflict, MAC conflict, Iogin locked, and cybersecurity exception, MAC conflict, Iogin locked, and cybersecurity exception, 	Storage		
General AlarmMotion detection, privacy masking, video loss, scene changing, PIR alarm, IPC external alarmAnomaly AlarmCamera disconnection, storage error, disk full, IP conflict, MAC conflict, login locked, and cybersecurity exception (Intrelligent Alarm)Intelligent AlarmFace detection, perimeter protection (intrusion and tripwire), IVS, people counting, heat map, and SMD alarmsAlarm LinkageRecording, snapshot, audio, buzzer, log, preset, and emailAudio Input1 × RCA outputAudio Output1 × RCA outputHDD1 × RCA outputHDD1 × RCA outputHDD2 (1 × front USB2.0; 1 × back USB2.0)HDMI1 (supports up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperatureVGA1Network1 × RI-45, 10/100 Mbps self-adaptive Ethernet portPoe8Power SupplyDC48 V/53 V, 2A/1.8 APower ConsumptionSouge of a single port is 25.5WNet Weight0.92 kg (2.03 lb)Gross Weight0.92 kg (2.03 lb)Product Dimensions260 mm × 232.5 mm × 50.3 mm (10.24" × 9.15" × 1.98") (W× L × H)Pokage Dimensions117 mm × 373 mm × 307 mm (4.61" × 14.69" × 12.09") (W× L × H)Porting Conditions-10 °C to +55 °C (+10 °F to +131 °F)Goperating Humidity0% -93%	Disk Group	Yes	
General Alarmchanging, PIR alarm, IPC external alarmAnomaly AlarmCamera disconnection, storage error, disk full, IP conflict, MAC conflict, login locked, and cybersecurity exceptionIntelligent AlarmFace detection, perimeter protection (intrusion and tripwire), IVS, people counting, heat map, and SMD alarmsAlarm LinkageRecording, snapshot, audio, buzzer, log, preset, and emailExternal Port1 × RCA inputAudio Input1 × RCA outputHDD1 × RCA outputHDD1 × RCA outputHDD2 (1 × front USB2.0; 1 × back USB2.0)HDMI1 (supports up to 4K resolution output)VGA1Network1 × RL-45, 10/100 Mbps self-adaptive Ethernet portPOE8General Parameter210 W (HDD not included, idling) rotal output power of PoE is 72W, the maximum outputPower Consumption200 kg (2.03 lb)Net Weight0.92 kg (2.03 lb)Product Dimensions260 mm × 232.5 mm × 50.3 mm (10.24" × 9.15" × 12.09") (W × L × H)Package Dimensions-10 °C to +55 °C (+10 °F to +131 °F)Poperating Conditions-0 °C to +40 °C (32 °F to 104 °F)Operating Humidity10%-93%	Alarm		
Anomaly AlarmMAC conflict, login locked, and cybersecurity exceptionIntelligent AlarmFace detection, perimeter protection (intrusion and tripwire), IVS, people counting, heat map, and SMD alarmsAlarm LinkageRecording, snapshot, audio, buzzer, log, preset, and emailExternal Port1 × RCA inputAudio Input1 × RCA outputAudio Output1 × RCA outputHDD1 × RCA outputHDD1 × RCA outputUSB2 (1 × front USB2.0; 1 × back USB2.0)HDMI1 (supports up to 4K resolution output)VGA1Network1 × RU-45, 10/100 Mbps self-adaptive Ethernet portPoerSolower of a single port is 25.5WPower Consumption202 kg (2.03 lb)Gross Weight.92 kg (2.03 lb)Product Dimensions10° (HDD not included, idling) rotat output power of PoE is 72W, the maximum output power of a single port is 25.5WProduct Dimensions260 mm x 232.5 mm × 50.3 mm (10.24" × 9.15" × 1.98") (W × L × H)Operating Conditions-0° C to +50° C (+10° F to +131°F)Operating Gonditions0° C to +40° C (32 °F to 104 °F)Operating Humidity10% ~93%	General Alarm		
Intelligent Alarmtripwire), IVS, people counting, heat map, and SMD alarmsAlarm LinkageRecording, snapshot, audio, buzzer, log, preset, and emailExternal PortAudio Input1 × RCA inputAudio Output1 × RCA outputAudio Output1 × RCA outputHDDI × RCA outputIVSB2 (1 × front USB2.0; 1 × back USB2.0)HDMI1 (supports up to 4K resolution output)VGA1Network1 × RL-45, 10/100 Mbps self-adaptive Ethernet portPOE8General ParameterPower SupplyDC48 V/53 V, 2A/1.8 ANet Weight0.92 kg (2.03 lb)Gross Weight2.07 kg (4.56 lb)Pockage Dimensions117 mm × 373 mm × 307 mm (4.61" × 14.69" × 12.09")Package Dimensions0.°C to +40 °C (32 °F to 104 °F)Goperating Conditions0 °C to +40 °C (32 °F to 104 °F)Operating Humidity10% "93%	Anomaly Alarm		
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Network1 × RJ-45, 10/100 Mbps self-adaptive Ethernet portPOE8General ParameterFower SupplyPower SupplyDC48 V/53 V, 2A/1.8 APower Consumption\$10 W (HDD not included, idling) Total output power of POE is 72W, the maximum output power of a single port is 25.5WNet Weight0.92 kg (2.03 lb)Gross Weight2.07 kg (4.56 lb)Product Dimensions $$60  mm \times 232.5  mm \times 50.3  mm (10.24" \times 9.15" \times 1.98")$ (W× L × H)Package Dimensions-10°C to +55 °C (+10°F to +131°F)Storage Conditions0°C to +40 °C (32 °F to 104 °F)Operating Humidity10%~93%	HDMI	1 (supports up to 4K resolution output)	
POE8General ParameterPower SupplyDC48 V/53 V, 2A/1.8 APower Consumption10 W (HDD not included, idling) rotal output power of PoE is 72W, the maximum output power of a single port is 25.5WNet Weight0.92 kg (2.03 lb)Gross Weight2.07 kg (4.56 lb)Product Dimensions $260  mm \times 232.5  mm \times 50.3  mm (10.24" \times 9.15" \times 1.98")$ ( $W \times L \times H$ )Package Dimensions-10°C to +55°C (+10°F to +131°F)Operating Conditions-0°C to +40°C (32°F to 104°F)Operating Humidity10%~93%	VGA	1	
General Parameter     Power Supply   DC48 V/53 V, 2A/1.8 A     Power Consumption   <10 W (HDD not included, idling) Total output power of PoE is 72W, the maximum output power of a single port is 25.5W     Net Weight   0.92 kg (2.03 lb)     Gross Weight   2.07 kg (4.56 lb)     Product Dimensions   260 mm × 232.5 mm × 50.3 mm (10.24" × 9.15" × 1.98") (W × L × H)     Package Dimensions   117 mm × 373 mm × 307 mm (4.61" × 14.69" × 12.09") (W × L × H)     Operating Conditions   -10 °C to +55 °C (+10 °F to +131 °F)     Storage Conditions   0 °C to +40 °C (32 °F to 104 °F)     Operating Humidity   10%~93%	Network	$1 \times RJ-45$ , 10/100 Mbps self-adaptive Ethernet port	
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Gross Weight     2.07 kg (4.56 lb)       Product Dimensions     260 mm × 232.5 mm × 50.3 mm (10.24" × 9.15" × 1.98") (W × L × H)       Package Dimensions     117 mm × 373 mm × 307 mm (4.61" × 14.69" × 12.09") (W × L × H)       Operating Conditions     -10 °C to +55 °C (+10 °F to +131 °F)       Storage Conditions     0 °C to +40 °C (32 °F to 104 °F)       Operating Humidity     10% ~93%	Power Consumption	Total output power of PoE is 72W, the maximum output	
Product Dimensions     260 mm × 232.5 mm × 50.3 mm (10.24" × 9.15" × 1.98") (W × L × H)       Package Dimensions     117 mm × 373 mm × 307 mm (4.61" × 14.69" × 12.09") (W × L × H)       Operating Conditions     -10 °C to +55 °C (+10 °F to +131 °F)       Storage Conditions     0 °C to +40 °C (32 °F to 104 °F)       Operating Humidity     10%~93%	Net Weight	0.92 kg (2.03 lb)	
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Storage Conditions 0 °C to +40 °C (32 °F to 104 °F)   Operating Humidity 10%~93%	Package Dimensions		
Operating Humidity 10%~93%	Operating Conditions	-10 °C to +55 °C (+10 °F to +131 °F)	
	Storage Conditions	0 °C to +40 °C (32 °F to 104 °F)	
Storage Humidity 30%~85%	Operating Humidity	10%~93%	
50/0 05/0	Storage Humidity	30%~85%	
Operating Altitude 3000 m (9842.52 ft)	Operating Altitude	3000 m (9842.52 ft)	
Installation Desktop mounted	Installation	Desktop mounted	
CE: EN62368-1; EN55032, EN55024, EN55035, EN61000-       Certifications     3-2, EN61000-3-3 EN50130-4       FCC: Part 15 Subpart B	Certifications	3-2, EN61000-3-3 EN50130-4	

# KIT Series | EZIP-KIT/NVR1C08HS-8P/8-IPC-T3B50P/4TB

### **Technical Specification**

Camera					
Image Senso	r	1/2.7" CMOS			
Max. Resolut	ion	2880 (H) × 1620 (V)			
ROM		16 MB			
RAM		128 MB			
Scanning Sys	tem	Progressive			
Electronic Sh	utter Speed	Auto/Manual	1/3 s-1/100,00	00 s	
Min. Illumina	ation	0.003 Lux@F2	0.03 Lux@F2.0 (Color, 30 IRE) 0.003 Lux@F2.0 (B/W, 30 IRE) 0 Lux (Illuminator on)		
S/N Ratio		> 56 dB			
Illumination	Distance	30 m (98.43 ft) (IR)			
Illuminator C	n/Off Control	ntrol Auto/Manual			
Illuminator N	lumber	1 (IR LED)			
Pan/Tilt/Rotation Range		Pan: 0°–360° Tilt: 0°–78° Rotation: 0°–360°			
Lens					
Lens Type		Fixed-focal			
Lens Mount		M12			
Focal Length		2.8 mm; 3.6 mm			
Max. Apertu	rture     2.8 mm: F2.0       3.6 mm: F2.0				
Field of View	,	2.8 mm: Horizontal: 106°; Vertical: 56°; Diagonal: 125° 3.6 mm: Horizontal: 92°; Vertical: 48°; Diagonal: 109°			
Iris Control		Fixed			
Close Focus I	Distance	2.8 mm: 0.8 m (2.62 ft) 3.6 mm: 1.3 m (4.27 ft)			
	Lens	Detect	Observe	Recognize	Identify
DORI Distance	2.8 mm	56.0 m (183.73 ft)	22.4 m (73.49 ft)	11.2 m (36.75 ft)	5.6 m (18.37 ft)
	3.6 mm	76.0 m (249.34 ft)	30.4 m (99.74 ft)	15.2 m (49.87ft)	7.6 m (24.93 ft)
Video					
Video Compression     H.265; H.264; H.264B; MJPEG (only supported by the substream)				ted by the sub	

Video		
Video Compression	H.265; H.264; H.264B; MJPEG (only supported by the sub stream)	
Smart Codec	Smart H.265+; Smart H.264+	
Video Frame Rate	Main stream: 2880 × 1620 (1 fps–20 fps) 2688 × 1520 (1 fps–25/30 fps) Sub stream: 704 × 576 (1 fps–25 fps) 704 × 480 (1 fps–30 fps) *The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity.	
Stream Capability	2 streams	
Resolution	2880 × 1620 (2880 × 1620); 2688 × 1520 (2688 × 1520); 2560 × 1440 (2560 × 1440); 3M (2048 × 1536); 2304 × 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)	

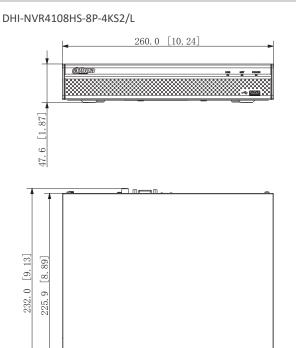
Bit Rate Control	CBR/VBR		
Video Bit Rate	H.264: 32 kbps–6144 kbps H.265: 12 kbps–6144 kbps		
Day/Night	Auto (ICR)/Color/B/W		
BLC	Yes		
HLC	Yes		
WDR	DWDR		
White Balance	Auto; natural; street lamp; outdoor; manual; regional custom		
Gain Control	Auto; manual		
Noise Reduction	3D NR		
Motion Detection	OFF/ON (4 areas, rectangular)		
Region of Interest (RoI)	Yes (4 areas)		
Smart Illumination	Yes		
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower)		
Mirror	Yes		
Privacy Masking	4 areas		
Audio			
Built-in MIC	Yes		
Audio Compression	G.711a; G.711Mu; G.726; PCM		
Alarm			
Alarm Event	Network disconnection; IP conflict; illegal access; motion detection; video tampering; audio detection; security exception		
Network			
Network Port	RJ-45 (10/100 Base-T)		
SDK and API	Yes		
Cyber Security	Video encryption; configuration encryption; Digest; WSSE; account lockout; security logs; generation and importing of X.509 certification; HTTPS; trusted boot; trusted execution; trusted upgrade		
Network Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; SMTP; FTP; DHCP; DNS; DDNS; NTP; Multicast		
Interoperability	ONVIF (Profile S/Profile T); CGI; P2P; Genetec; Milestone		
User/Host	6 (Total bandwidth: 48 M)		
Storage	FTP		
Browser	IE Chrome Firefox		
Management Software	Smart PSS; DSS; DMSS		
Mobile Client	iOS; Android		
Certification			
Certifications	CE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B		

## KIT Series | EZIP-KIT/NVR1C08HS-8P/8-IPC-T3B50P/4TB

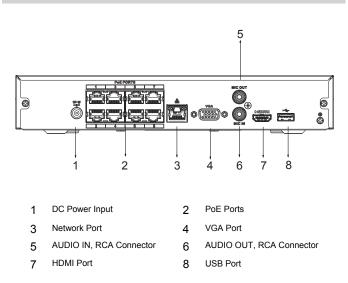
### **Ordering Information**

Туре	Model	Description
HDCVI KIT	EZIP-KIT/ NVR1C08HS-8P/8- IPC-T3B50P/4TB	8CH Smart 1HDD H.265+ 5MP AI Digital Video Security System

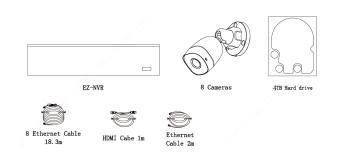
### Dimensions (mm/inch)



### Panels



### What's In the Box?



DH-IPC-HDW1530T-S6

